

Small Business Innovation Research (SBIR)

EPA & NSF Opportunities for Environmental Technology

EPA:

The EPA SBIR Program assists small businesses with no more than 500 employees develop and commercialize new environmental technologies. Phase I awards of up to \$80,000 over 6 months are used to investigate the scientific merit and technical feasibility of the proposed technology. Only Phase I businesses compete for Phase II awards of \$300,000 - \$370,000 over two years to continue technology development toward successful commercialization. Through this two phased approach, EPA can determine whether the research idea, often on high-risk advanced concepts, is technically feasible, whether the firm can do high-quality research, and whether sufficient progress has been made to justify a larger Phase II effort.

The Environmental Protection Agency (EPA) SBIR Phase I Solicitation is CLOSED. The next SBIR Phase I Solicitation will open in March 2011. The 2010 Solicitation is still on our Website at:

www.epa.gov/ncer/sbir

The 2010 Solicitation provides detailed descriptions of EPA's technology needs and SBIR application requirements. Questions about EPA environmental technologies can be addressed to Jim Gallup (gallup.james@epa.gov) or April Richards (Richards.april@epa.gov) or James Gentry (gentry.james@epa.gov).

NSF:

There are additional opportunities for SBIR funding of environmental technologies in the **National Science Foundation (NSF)** SBIR Phase I Solicitation. The next NSF Solicitation will close in early December 2010. Nearly all of EPA's technology needs will be eligible under this NSF Solicitation. EPA technology topics and the potential corresponding NSF Topics from their 2010 SBIR Solicitation are summarized below. NSF topics which cover environmental technologies include Biotechnology (B) and Chemical Technology (C), and Nanotechnology (N), Advanced Materials (AM) and Manufacturing (M).

EPA TECHNOLOGY NEEDS (TOPICS)

Green Building
Innovation in Manufacturing
Nanotechnology
Greenhouse Gases
Drinking Water and Wastewater
Air Pollution
Vehicle Emissions and Biofuels
Waste Management
Homeland Security
Monitoring and Remote Sensing

Corresponding NSF TOPICS

NSF Topics C6, AM8
NSF Topics C5, C9, M2, N2
NSF Topics N1, N2
NSF Topics C2
NSF Topics B1, B3, B5
NSF Topics B3, C2, C4
NSF Topics B6, C2
NSF Topics B3, C4
NSF Topics B3, B5
NSF Topics B3, B5, C9

Businesses submitting proposals to NSF must comply with NSF (not EPA) application requirements. Please visit the NSF Website at:

www.nsf.gov/eng/iip/sbir

NSF's SBIR Phase I Solicitation is not yet available but their most recent solicitation can be found at <http://www.nsf.gov/pubs/2010/nsf10546/nsf10546.htm> NSF Program Manager contact information can be found for the NSF Topics highlighted above in the technical topics section of the solicitation. You may contact Joe Hennessey (703-292-7069) jhennes@nsf.gov in the NSF Small Business Program with general questions.